

**ACTIVITY OF THE PESTICIDE SUMCIDIN ON THE COPEPODS
Lerneia cypranacea AND *Tetrahymena corlissi* INFECTING OF *Cyprinus
carpio* AND *Gambusia affinis* FISHES.**

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ABSTRACT

The effecting of the pesticides sumcidin was tested as a control for the copepod *L. cypranacea* and the protozoa parasitic *T. corlissi* living in the fish *Gambusia affinis* and larva of *Cyprinus carpio* .

The concentration used were (0.001, 0.005, 0.01, 0.1, 0.5 and 1.0) mg/L for (6 , 12 , 24 , 48 and 72) hours, the results showed that the concentration 0.01 mg/L have a significant effect on the activity of the larval stages and the protozoa parasite *T. corlissi* . No sign of pathological effect on the *G. affinis* and the larvae of *C. Carpio* before 24 hr. but the effect was significant after this time. Changes was clear in liver, muscle and blood of the fish in concentrations (0.1 , 0.5 and 1) mg\L hence these concentrations Sumcidin as lethal for the fish and the larva stage .

Keywords : Pesticide Sumcidin , Copepods *Lerneia* , common carp fish , *Gambusia* fish .